

FIG. 1



FIG. 2



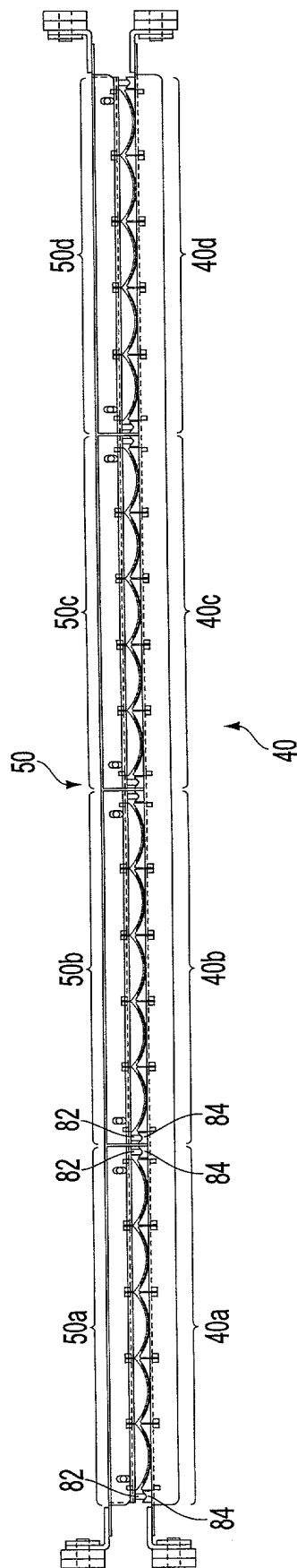


FIG. 5

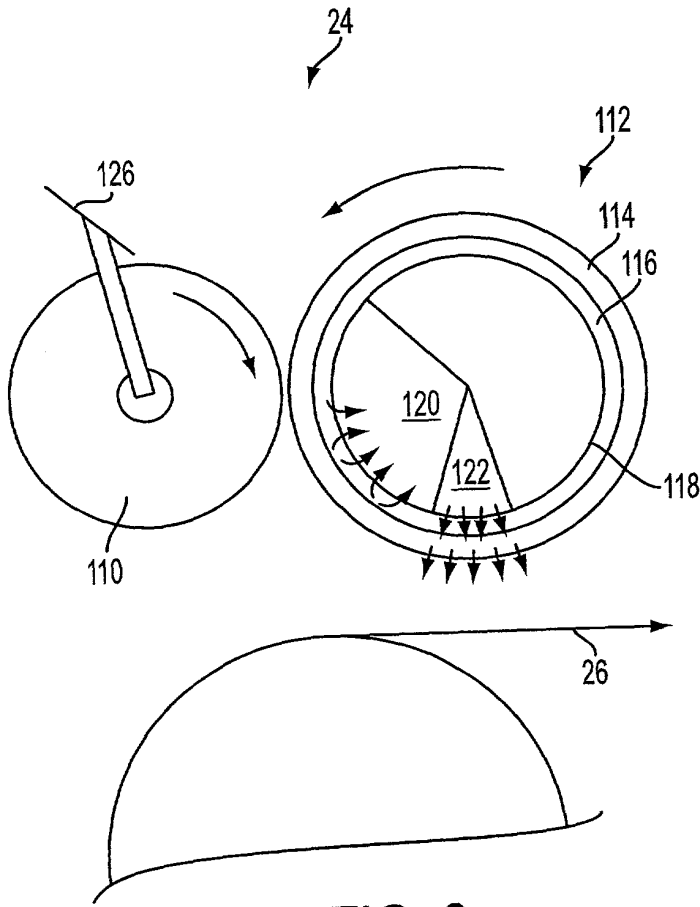


FIG. 6

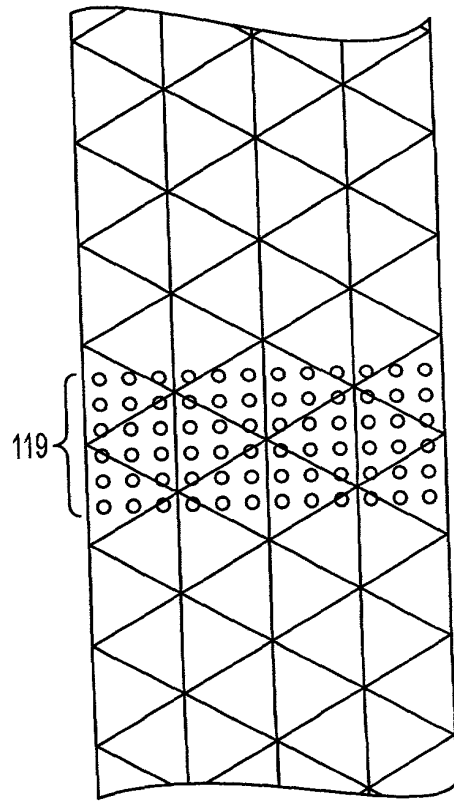


FIG. 7

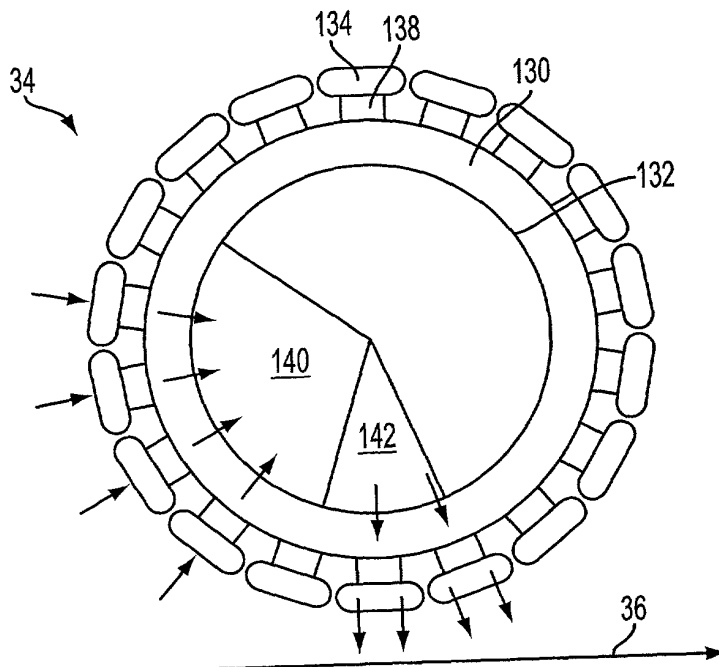


FIG. 8

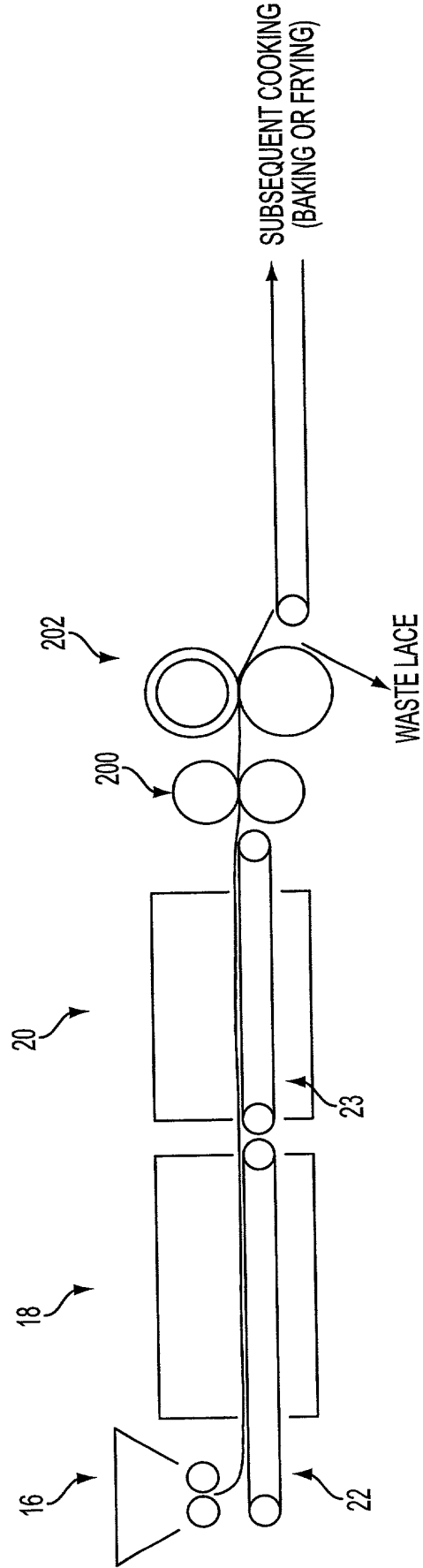


FIG. 9

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Concentration	0.1	mol/L
pH	7.0	
Wavelength	254	nm
Scan rate	1.0	nm/min
Integration time	1.0	s
Resolution	0.5	nm
Slit width	1.0	mm
Detector	Photodiode array	
Software	ChemStation	
Column	C18	
Mobile phase	Water/Acetonitrile	
Gradient	0-100% ACN in 10 min	
Flow rate	1.0	mL/min
Injection volume	10	μL
Sample concentration	1.0	mg/mL
Calibration curve	Linear	
Correlation coefficient	0.999	
Detection limit	0.1	ng/mL
Recovery	100	%
Stability	1.0	% RSD
Precision	1.0	% RSD
Accuracy	1.0	% RSD
Linearity	1.0	% RSD
Robustness	1.0	% RSD
Specificity	1.0	% RSD
Limit of detection	0.1	ng/mL
Limit of quantification	0.5	ng/mL
Repeatability	1.0	% RSD
Intermediate precision	1.0	% RSD
Within-laboratory reproducibility	1.0	% RSD
Between-laboratory reproducibility	1.0	% RSD
Stability of the instrument	1.0	% RSD
Stability of the reagents	1.0	% RSD
Stability of the samples	1.0	% RSD
Stability of the method	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD
Stability of the data	1.0	% RSD
Stability of the system	1.0	% RSD
Stability of the process	1.0	% RSD
Stability of the product	1.0	% RSD
Stability of the environment	1.0	% RSD
Stability of the personnel	1.0	% RSD
Stability of the equipment	1.0	% RSD
Stability of the materials	1.0	% RSD
Stability of the methods	1.0	% RSD
Stability of the results	1.0	% RSD

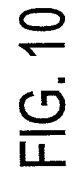


FIG. 10

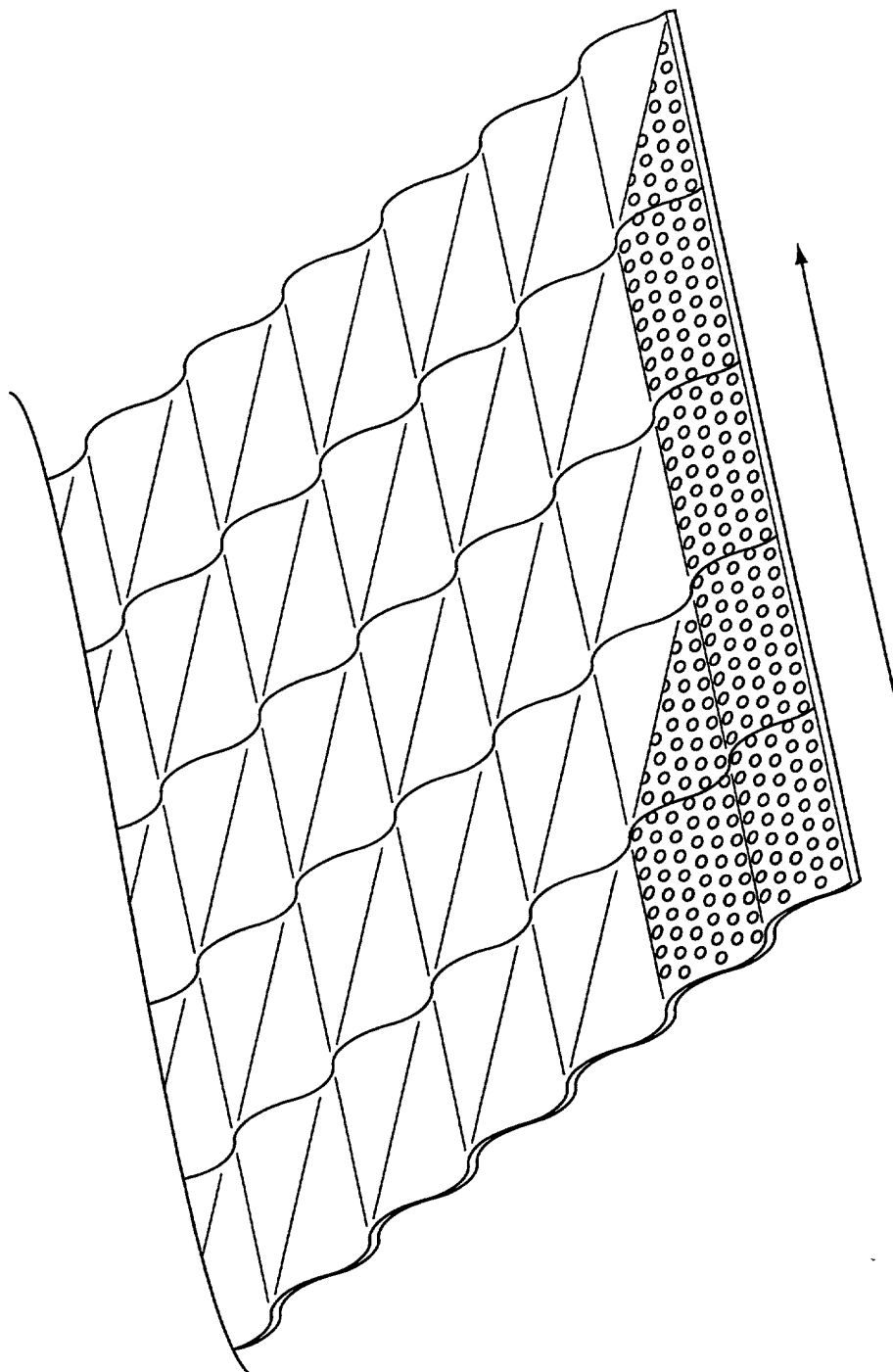


FIG. 11

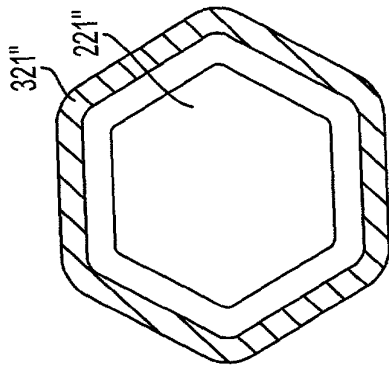


FIG. 12C

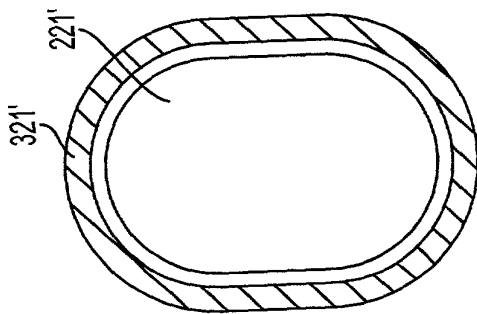


FIG. 12B

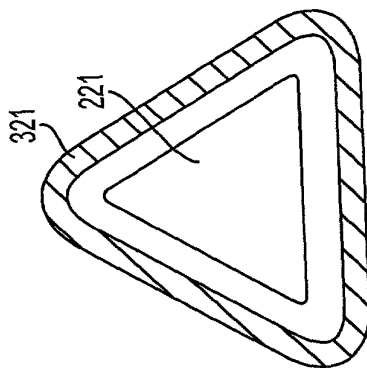


FIG. 12A